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PTO/SB/DSA (08-02)

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Complete If Known	
				Application Number	10/805,916
				Filing Date	3/22/2004
				First Named Inventor	S.V. Sreenivasan
				Group Art Unit	2123
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	PA133-09D13

Examiner Signature	/Christopher Young/ (05/26/2006)	Date Considered	05/26/2006
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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/805,916
(use as many sheets as necessary)		Filing Date	3/22/2004
		First Named Inventor	S.V. Sreenivasan
		Group Art Unit	2123
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	PA133-09D13

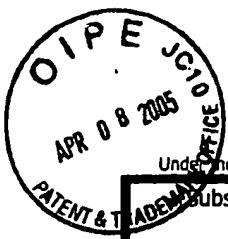
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	Number ⁴	Kind Code ⁵ (if known)				

CY	B1	2002/0098426	A1	Sreenivasan et al.	7/25/2002		
CY	B2	4,731,155		Napoli et al.	3/15/1988		
CY	B3	5,414,514		Smith et al.	5/9/1995		
CY	B4	5,425,848		Halsma et al.	6/20/1995		
CY	B5	5,772,905		Chou	6/30/1998		
CY	B6	5,808,742		Everett et al.	9/15/1998		
CY	B7	6,088,103		Everett et al.	7/11/2000		
CY	B8	6,309,580	B1	Chou	10/30/2001		
CY	B9	6,334,960	B1	Willson et al.	1/1/2002		
CY	B10	6,391,217	B2	Schaffer et al.	5/21/2002		
CY	B11	6,522,411	B1	Moon et al.	2/18/2003		
CY	B12	6,696,220	B2	Bailey et al.	2/24/2004		
CY	B13	2002/0177319	A1	Chou	11/28/2002		
CY	B14	6,713,238	B1	Chou et al.	3/30/2004		
CY	B15	2004/0008334	A1	Sreenivasan et al.	1/15/2004		
CY	B16	2004/0009673	A1	Sreenivasan et al.	1/15/2004		
CY	B17	2004/0124566	A1	Sreenivasan et al.	7/1/2004		
CY	B18	3,783,520		King	1/8/1974		

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CY	B19	6,150,231		Muller et al.	11/21/2000	
CY	B20	6,489,068	B1	Kye	12/3/2002	
CY	B21	6,646,662	B1	Nebashi et al.	11/11/2003	
CY	B22	6,776,094	B1	Whitesides et al.	8/17/2004	
CY	B23	4,600,309		Fay	7/15/1986	
CY	B24	4,848,911		Uchida et al.	7/18/1989	
CY	B25	5,074,667		Miyatake	12/24/1991	
CY	B26	5,148,036		Matsugu et al.	9/15/1992	
CY	B27	5,148,037		Suda et al.	9/15/1992	
CY	B28	6,518,189	B1	Chou	2/11/2003	
CY	B29	2002/0132482	A1	Chou	9/19/2002	
CY	B30	2002/0167117	A1	Chou	11/14/2002	
CY	B31	6,482,742	B1	Chou	11/19/2002	
CY	B32	2003/0080471	A1	Chou	5/1/2003	
CY	B33	2004/0036201	A1	Chou et al.	2/26/2004	
CY	B34	2004/0192041	A1	Jeong et al.	9/30/2004	
CY	B35	6,828,244	B2	Chou	12/7/2004	
CY	B36	6,809,356	B2	Chou	10/26/2004	

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		Office ²	Number ³	Kind Code ⁵ (if known)		
CY	B37	5,737,064		Inoue et al.	4/7/1998	
CY	B38	2004/0197843	A1	Chou et al.	10/7/2004	
CY	B39	2004/0156108	A1	Chou et al.	8/12/2004	
CY	B40	2004/0137734	A1	Chou et al.	7/15/2004	
CY	B41	2004/0131718	A1	Chou et al.	7/8/2004	
CY	B42	2004/0118809	A1	Chou et al.	6/24/2004	
CY	B43	2004/0046288	A1	Chou	3/11/2004	
CY	B44	2003/0080472	A1	Chou	5/1/2003	
CY	B45	2003/0034329	A1	Chou	2/20/2003	
CY	B46	2002/0042027	A1	Chou et al.	4/11/2002	
CY	B47	6,636,311	B1	Ina et al.	10/21/2003	
CY	B48	6,383,888	B1	Stirton	5/7/2002	
CY	B49	2004/0033515	A1	Cao et al.	2/19/2004	
CY	B50	5,999,245		Suzuki	12/7/1999	
CY	B51	6,630,410	B2	Trapp et al.	10/7/2003	
CY	B52	6,580,172	B2	Mancini et al.	6/17/2003	
CY	B53	10/895,214		Voison	7/20/2004	
CY	B54	10/923,629		Sreenivasan et al.	8/20/2004	

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CY	B55	10/978,285		Willson et al.	10/29/2004	
CY	B56	11/000,321		Nimmakayala et al.	11/30/2004	
CY	B57	4,512,848		Deckman et al.	4/23/1985	
CY	B58	6,388,755	B1	Zhao	5/14/2002	
CY	B59	6,295,120	B1	Miyatake	9/25/2001	
CY	B60	6,049,373		Miyatake	4/11/2000	
CY	B61	6,285,439	B1	Miyatake	9/4/2001	
CY	B62	6,791,669	B2	Poon	9/14/2004	
CY	B63	6,517,995	B1	Jacobenson et al.	2/11/2003	
CY	B64	2004/0110856	A1	Young et al.	6/10/2004	
CY	B65	5,028,366		Harakal et al.	7/2/1991	
CY	B66	5,601,641		Stephens	2/11/1997	
CY	B67	5,849,209		Kindt-Larsen et al.	12/15/1998	
CY	B68	5,849,222		Jen et al.	12/15/1998	

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CY	B70	JP	02-92603		Kurikawa et al.	4/3/1990	
CY	B71	JP	02-24848		Kamio	1/26/1990	
CY	B72	WO	01/47003		Steiner et al.	6/28/2001	
CY	B73	WO	02/07199		Chou	1/24/2002	
CY	B74	WO	2004/114016		Chou et al.	12/29/2004	
CY	B75	WO	99/05724		Chou et al.	2/4/1999	
CY	B76	WO	03/010289		Chou et al.	2/6/2003	
CY	B77	WO	03/079416		Chou	9/25/2003	
CY	B78	WO	03/099536		Chou et al.	12/4/2003	

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FIRST NAMED INVENTOR	Sreenivasan et al.																
Group Art Unit	2123																
Examiner Name	Unassigned																
Attorney Docket Number	PA133-09D13																

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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CY	B79	Chou, Nanoimprint Lithography and Lithographically Induced Self-Assembly, MRS Bulletin, pp. 512 - 517, 7/1/2001
CY	B80	Choi et al., Design of Orientation Stages for Step and Flash Imprint Lithography, Precision Engineering, pp. 192 - 199, 1/1/2001
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Sheet		7	of	8													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">APPLICATION NUMBER</td> <td>10/805,916</td> </tr> <tr> <td>FILING DATE</td> <td>03/22/2004</td> </tr> <tr> <td>FIRST NAMED INVENTOR</td> <td>Sreenivasan et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2123</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>PA133-09D13</td> </tr> </table>						APPLICATION NUMBER	10/805,916	FILING DATE	03/22/2004	FIRST NAMED INVENTOR	Sreenivasan et al.	Group Art Unit	2123	Examiner Name	Unassigned	Attorney Docket Number	PA133-09D13
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CY	B88	Colburn et al., Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning, Proc. Of SPIE, vol. 3676, 3/1/1999	
CY	B89	Heidari, Nanoimprint Lithography at the 6 in. Wafer Scale, J. Vac. Sci. Technol. B 18(6), pp. 3557 - 3560, 11/1/2000	
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CY	B91	Translation of Japanese Patent 02-24848	
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Sheet	8	of	8	Examiner Name	Unassigned
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CY	B897	Bailey et al., Step and Flash Imprint Lithography: Defect Analysis, Journal of Vacuum Science, B 19(6), pp. 2806-2810, 11/1/2001	
CY	B898	Bailey et al., Step and Flash Imprint Lithography: Template Surface Treatment and Defect Analysis, Journal of Vacuum Science, B 18(6), pp. 3572-3577, 11/1/2000	
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CY	B100	Schneider et al., Stripes of Partially Fluorinated Alkyl Chains: Dipolar Langmuir Monolayers	

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Sheet	1	of	2	APPLICATION NUMBER	10/805,916
				FILING DATE	03/22/2004
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CY	C12	PARK ET AL. Aligning Liquid Crystals Using Replicated Nanopatterns, PSI Scientific Report 2002, Vol VII, p. 85 3/1/2003	
CY	C13	APPLICATION NO. 11/126,948, naming Inventors Choi et al., entitled Formation of Discontinuous Films During an Imprint Lithography Process, filed 5/11/2005	
CY	C14	APPLICATION NO. 11/127,041, naming Inventors Sreenivasan et al., entitled Step and Repeat Imprint Lithography Processes, filed 5/11/2005	
CY	C15	APPLICATION NO. 11/127,060, naming Inventors Sreenivasan et al., entitled Step and Repeat Imprint Lithography Systems, filed 5/11/2005	
CY	C16	APPLICATION NO. 11/143,076, naming Inventors Cherala et al., entitled System and Method for Improvement of Alignment and Overlay for Microlithography, filed 6/2/2005	

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